

ABSTRACT

The present invention relates to a process for producing a textile-elastomer composite. The inventive procedure involves (a) producing an elastomer composition of at least
5 three ingredients (an anionically-stabilized waterborne polymer dispersion, an acid-generating chemical, and a cloud-point surfactant); (b) applying the composition onto a porous textile substrate; and (c) heating said coated fabric to cause coagulation of the elastomer composition over the fabric substrate and to dry the resultant composite without destroying the coagulated structure. The resultant composite obtains a
10 suppleness and appearance that is similar to that of leather, while exhibiting improved resistance to ultraviolet radiation and hydrolysis and other types of polymer degradation. The composite may be utilized as upholstery fabric in furniture or in automobiles, in apparel, and the like. The particular composites produced are also contemplated within this invention.